13/3,K/1   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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03403267   SUPPLIER NUMBER: 178764872   (USE FORMAT 7 OR 9 FOR FULL TEXT
)
Ohio Wesleyan Taps Aruba Networks' 802.11N Solution for Wireless Network.
Wireless News, NA
May 7, 2008
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 310   LINE COUNT: 00030

        Aruba Networks, a provider of wireless LANs and secure unified
mobility solutions, announced that Ohio Wesleyan University has selected
and commenced deployment of Aruba 's 802.11n adaptive wireless LANs across
its campus, Ohio, campus.
        Ohio Wesleyan University is...

...its campus. The wireless network will consist of redundant centralized
MMC-6000 Multi-Service Mobility Controllers and more than 400 Aruba
AP-124 and AP-125 802.11n   access   points spread across 50 academic,
administrative , athletic, and residential facilities. The AP -124 access
points will be used with remote antennas to provide wireless coverage
outdoors.
        "Ohio...

  13/3,K/2   (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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03398594   SUPPLIER NUMBER: 178402210   (USE FORMAT 7 OR 9 FOR FULL TEXT
)
Networking Vendors Pushing 802.11n Transition.
PC Magazine Online, NA
April 28, 2008
ISSN: 1078-8085   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 660   LINE COUNT: 00055

        Aruba Networks, for example, is delivering both new hardware and
software with this goal in mind...

...new innovative features: first, they're upgradeable to 802.11n via a
software upgrade. Second, Aruba 's management technology enables
administrators to configure the APs to act not just as access
gateways for wireless clients, but intrusion detection devices or as nodes
in a secure wireless mesh network.
        The APs new software allows them to be turned into what Aruba
calls mobile remote access points, meaning they're able to establish a VPN
IPSec tunnel back to the control switch in the data center. A nice touch
here is the software also includes a splitter...looking to deploy 802.11n
over time," said Michael Tennefoss, head of strategic marketing at Aruba
.
        Aruba has done hard work in pricing these devices, he claims, such
that even with a...

...they'll be charged an additional fee, the amount of which is
volume-based.
        Additionally, Aruba has

  13/3,K/3   (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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03379080   SUPPLIER NUMBER: 176760027   (USE FORMAT 7 OR 9 FOR FULL TEXT
)
Aruba Networks Offers New White Paper on Wireless LAN RF Architecture.
Wireless News, NA
March 15, 2008
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 413   LINE COUNT: 00037

... can really hope to accomplish with each of them" said Peter
Thornycroft, author of the Aruba white paper. "I start with the theory of
operation, explain the letter and spirit of between access points were
centrally managed. What was true in the cellular world was found also to
be true in the...

...one considers the world's largest wireless LAN deployments -- those in
which all of the access points are managed from a central
controller -- they are all adaptive multi-channel networks," said Keerti
Melkote, Aruba's founder and head of products and partnerships. "The
reason is because using multiple channels...

 13/3, K/4   (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

03376136   SUPPLIER NUMBER: 176373198   (USE FORMAT 7 OR 9 FOR FULL TEXT
)
AirWave Wireless Management Suite Version 5.3 expands options for WLAN
   managers. (NEW PRODUCTS)
Wi-Fi Wireless LAN, 18, 2, 13(1)
Feb, 2008
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 362   LINE COUNT: 00035

...   expands the depth and breadth of AirWave's support for wireless
infrastructure products from Cisco, Aruba, Meru, Trapeze, Tropos,
ProCurve, and other leading enterprise WLAN, mesh, and WiMAX vendors.
AirWave 5...

...migration by assessing where network utilization is approaching
capacity. Other new features include global device configuration
templates, enhanced rogue access point detection, and integrated
monitoring of routers and switches.
    "The AirWave 5.3 software reduces our support costs and eliminates
management headaches by making...

 13/3, K/5   (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

03363322   SUPPLIER NUMBER: 174655296   (USE FORMAT 7 OR 9 FOR FULL TEXT
)
AirWave Rolls Out Wireless Management Suite Version 5.3.
Wireless News, NA
Feb 11, 2008
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 328   LINE COUNT: 00033

...   expands the depth and breadth of AirWave's support for wireless
infrastructure products from Cisco, Aruba, Meru, Trapeze, Tropos,
ProCurve and other enterprise WLAN, mesh, and WiMAX vendors. AirWave 5.3...

...migration by assessing where network utilization is approaching
capacity. Other new features include global device configuration
templates, enhanced rogue access point detection, and integrated
monitoring of routers and switches.
    "The AirWave 5.3 software reduces our support costs and eliminates
management headaches by making...

 13/3, K/6   (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2008 The Gale Group. All rts. reserv.

05375346   Supplier Number: 178154111 (USE FORMAT 007 FOR FULLTEXT)
Trapeze Networks Introduces NonStop Wireless(TM) for the Always On
   Enterprise.
PR Newswire, pNA

April 22, 2008
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1787

...   in wireless systems to date, the Trapeze NonStop Wireless(TM)
network and its enabling Virtual **Controller** Cluster technology. This
technology delivers Controller Virtualization which dramatically improves
the overall reliability of the...

...determines the appropriate placement of access points, accurately
predicts RF coverage, and automatically pushes the **configuration** to each
controller and **access**   **point** as it is added to the network.
    In order to make RingMaster even simpler for network **managers** to
install and scale, last month Trapeze announced a turnkey integrated
wireless management solution in the form of a pre-configured appliance, the
RM-200, that can **manage** as many as 5,000 **access**   **points**.
    The RM-200 combines the latest software version of RingMaster with a
rack- mount hardware...

...to larger and larger deployments simply by purchasing and downloading
license keys for enabling the **management** of additional **access**   **points**.
This saves hundreds of IT hours over configuring a generic server.
    Highest Performance **Controller** Supports 12,000 Clients
    The Mobility Exchange MX-2800 is Trapeze Networks' next generation,
high capacity WLAN **controller**. With 28 Gbps of switching, more than four
times faster than the closest competitor, it is the highest performance
controller available. The MX-2800 supports up to 12,000 active client
devices for larger deployments...

...found in higher education and multi-facility healthcare, and
automatically expands using Trapeze's Virtual **Controller** Cluster
technology for up to 64 units, meaning that IT staff only manage one
virtual...

...SmartMobile application specific switching remains in contrast to other
vendors such as Cisco Systems and **Aruba** Networks, whose centralized
wireless architectures are inflexible and require all traffic to pass
through a...

13/3,K/7   (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

05294555   Supplier Number: 174286438 (USE FORMAT 007 FOR FULLTEXT)
**AirWave Wireless Management Suite Version 5.3 Expands Options for WLAN
Managers.**
Business Wire, pNA
Feb 6, 2008
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 467

...   expands the depth and breadth of AirWave's support for wireless
infrastructure products from Cisco, **Aruba**, Meru, Trapeze, Tropos,
ProCurve and other leading enterprise WLAN, mesh, and WiMAX vendors.
AirWave 5...

...migration by assessing where network utilization is approaching
capacity. Other new features include global device **configuration**
templates, enhanced rogue **access**   **point** detection, and integrated
monitoring of routers and **switches**.
    "The AirWave 5.3 software reduces our support costs and eliminates
management headaches by making...

13/3,K/8   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

14631516   Supplier Number: 173427342 (USE FORMAT 7 FOR FULLTEXT)

Aruba-Airwave: A subtle harbinger of change? * How wireless might affect
   sourcing strategies.(Aruba Wireless Networks)(AirWave Wireless Inc.)
Wexler, Joanie
Network World, pNA
Jan 14, 2008
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 424

        Last week's announcement that wireless LAN system maker   Aruba
intends to snap up WLAN management company Airwave Wireless
        for $37 million left me pondering...

...a par status with wired
        LANs, will the primary enterprise suppliers remain the traditional
router/ switch companies? Or will they shift to wireless-centric
        companies?
        Conversely, will independent WLAN makers without...

...network demarcation lines and requires unprecedented levels of
interoperability?
        There's a reason that the Aruba -Airwave deal put me on this train
of thought. Clearly, Aruba - the No. 3 enterprise market-share
        leader behind Cisco, according to Synergy Research Group - feels...

...wanted a total replacement for existing
        WLANs," acknowledged Michael Tennefoss, head of strategic marketing
at Aruba . "Now, we have an entree to make a presentation
        (into those shops.)"
        Airwave makes a Wi-Fi management system that configures and
manages fat and thin access   points and WLAN controllers from
multiple
        vendors. Tennefoss sees enterprises migrating transitionally to
high-speed 802.11n over an...

...period during which new
        and legacy equipment will co-exist and require such unified
management. Aruba has long danced around the wired side of the
        network, too, with firewalls that work...

...vendors can remain independent entities going forward. Long term
        any of these independent companies, including Aruba , are subject
to getting acquired."
        Not surprisingly, independent WLAN maker Meru Networks has a
different...

 13/3,K/9   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rts. reserv.

03388097 1473998651
802.11n wireless gear to shine
Cox, John
Network World v25n16 PP: 20 Apr 21, 2008
ISSN: 0887-7661   JRNL CODE: NWW
WORD COUNT: 980

...ABSTRACT: unveiling at Interop Las Vegas next week a slew of Draft 2
IEEE 802.11n access   points , controllers and management features
aimed at spurring enterprise adoption of the technology. The best example
is the vendors...

...over Ethernet. Aerohive Networks is adding the first 802.11n access
points to its "no- controller " WLAN architecture. Aruba Networks is
releasing a pair of two-radio 802.11abg access points that can activate...
TEXT: Aerohive, Aruba , Meru, Ruckus and Trapeze all getting into the act
at Interop

Wireless LAN vendors are unveiling at Interop Las Vegas next week a slew of
Draft 2 IEEE 802.11n access   points , controllers and management
features aimed at spurring enterprise adoption of the technology.

The new access points can vary...

...Ethernet options.

Aerohive Networks is adding the first 802.11n access points to its "no-controller" WLAN architecture. **Controller** functions are distributed to the Hive access points, which work together to coordinate the WLAN...

...The products use an Aerohive technology called SmartPoE, which detects how much power a PoE **switch** is supplying to the access point. In most cases, according to the company, the devices...

...an enterprise simply and quickly create and manage WLAN access for guests and visitors. Guest-**Manager** costs $10,000.
Aruba Networks is releasing a pair of tworadio 802.11abg access points that can activate...

...400 per device, depending on the number deployed. They are slated to ship this quarter.

Aruba executives say the new access points will run with full 802.11n function using a single 802.3af power injector connection. That's because of some power **management** code inside the **access point**, according to **Aruba**.

Aruba also is releasing a new version of its portable access point, the Mobile Remote Access...

The N Crowd - New wireless gear offers better performance, but doesn't yet reach promised heights (Cover Story)
Mario Morejon & Samara Lynn

... to take a look at some of these higher-end offerings.

Reviewers extended invitations to **Aruba** Networks Inc., Bluesocket Inc., Cisco Systems Inc., Meru Networks, Ruckus Wireless Inc. and Trapeze Networks...

...and sent engineers to the CRN Test Center lab to help testers configure the WLAN **access points** and **controllers**. Reviewers also examined an 802.11n access point from San Jose, Calif.-based Cisco that...

...Cisco?" on page 28).

Meru's offering included its AP320 access point and its MC3000 **controller**. The devices were running Meru software version 3.4.SR3- 113. Meru's access point...

...Y-Z axis.

The Ruckus setup included its ZoneFlex 7942 access point and ZoneDirector 1000 **controller**. The Ruckus software version was 3.02. The ZoneDirector is not necessary to **configure** the 7942 **access point** but with the help of a Ruckus engineer, reviewers used the ZoneDirector to tweak various...

...because they wanted to test under real-world conditions.

Reviewers ran the tests with single **access point configurations**

on Channel 6 and kept channelization at 20 MHz. In addition, testers asked Meru and...

...use and price/performance.

Ruckus offers a Web-based management interface to its ZoneDirector WLAN **switch**, which was used effortlessly to set up the test wireless environment. From there, IP addressing...

...interface opens up into a dashboard view. From the dashboard, detailed information of each currently **managed access point** is displayed; MAC address, model, IP address, channel and number of clients connected are all...

...information is listed on the left side of the dashboard. System overview of the ZoneDirector **controller** is displayed as are a devices overview and a usage summary.

The interface also has...

 13/3,K/11   (Item 1 from file: 674)

 119572
 3Com introduces branch office wireless
Byline: John Cox
Journal: Network World
Publication Date: September 27, 05
Word Count: 212   Line Count: 21

 Text:
3Com has introduced a wireless LAN **switch** targeted at branch and remote offices. Shipping this week, the 2-port WXR100 also includes updated...

...and run, by connecting over a WAN link to one of 3Com's higher end WLAN **switches** at a regional or headquarters site. The parent **switch** downloads configuration data. Locally, the wireless access points in the branch automatically link up with the...

... simple Web screens instead of, as in the past, a command line interface. The branch **switch** works not only with companion 3Com access points, but also includes software to work with...

... which packages such features as Advanced Encryption System (AES) and 802.11i authentication mechanisms. Rival WLAN **switches** for these kinds of sites are available also from Cisco, **Aruba** and Symbol. 3Com is competing on price, and by including features such as detection and...

... for an additional cost. List price for the WXR100 is $999; the companion 3Com 3750 **Managed Access Point** is $499.

 13/3,K/12   (Item 1 from file: 696)

0000986632
 802.11n Heads To College
TelecomWeb news break
May 1, 2008 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: PHILLIPS BUSINESS INFORMATION
LANGUAGE: ENGLISH   WORD COUNT: 521   RECORD TYPE: FULLTEXT

TEXT:
...universities within the next five years.
 And as if to give substance to that prediction, **Aruba** Networks this morning disclosed one of the first of those university deployments - an order

from..

...W-Fi (VoW-Fi) in schools.
"ABI Research believes that W-Fi access point and **controller** equipment
revenue in the global higher education market will skyrocket from $137
million
in 2007...
...that might impact the hardware now being marketed.
Those products include the hardware about which **Aruba** today was crowing,
sold to Ohio Wesleyan "on the strength of a competitively priced,
technically...

...open bid."
The value of the Ohio Wesleyan order was not disclosed. Under the pact,
Aruba is supplying redundant centralized MMC-6000 Multi-Service Mobility
Controllers and more than 400 **Aruba** AP-124 and AP-125 802.11n **access
points**
spread across 50 academic, **administrative**, athletic and residential
facilities.
The **AP**-124 access points will be used with remote antennas to provide
wireless
coverage outdoors, the...

 13/3,K/13   (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2008 PR Newswire Association Inc. All rts. reserv.

0002893766 I07EA630010B111DDB98DCCC108EF5CCE (USE FORMAT 7 FOR FULLTEXT)
**Trapeze   Networks Introduces NonStop Wireless(TM) for the Always On
Enterprise Unrivaled Reliability, Performance, Scalability and Management**
PR Newswire
Tuesday, April 22, 2008 T21:00:00Z
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,711

...in wireless systems to date, the Trapeze NonStop Wireless(TM) network
and its enabling Virtual **Controller** Cluster technology. This technology
delivers Controller Virtualization which dramatically improves the overall
reliability of the...

...determines the appropriate placement of access points, accurately
predicts RF coverage, and automatically pushes the **configuration** to each
controller and **access   point** as it is added to the network.

In order to make RingMaster even simpler for network **managers** to install
and scale, last month Trapeze announced a turnkey integrated wireless
management solution in the form of a pre-configured appliance, the RM-200,
that can **manage** as many as 5,000 **access   points**.

The RM-200 combines the latest software version of RingMaster with a rack-
mount hardware...

...to larger and larger deployments simply by purchasing and downloading
license keys for enabling the **management** of additional **access   points**.
This saves hundreds of IT hours over configuring a generic server.

Highest Performance **Controller** Supports 12,000 Clients

The Mobility Exchange MX-2800 is Trapeze Networks' next generation, high
capacity WLAN **controller**. With 28 Gbps of switching, more than four times
faster than the closest competitor, it is the highest performance
controller available. The MX-2800 supports up to 12,000 active client
devices for larger deployments...

...found in higher education and multi-facility healthcare, and
automatically expands using Trapeze's Virtual **Controller** Cluster
technology for up to 64 units, meaning that IT staff only manage one
virtual...
...SmartMobile application specific switching remains in contrast to other
vendors such as Cisco Systems and **Aruba** Networks, whose centralized

wireless architectures are inflexible and require all traffic to pass through a...

DIALOG(R)File 275:Gale Group Computer DB(TM)

03398594   SUPPLIER NUMBER: 178402210   (USE FORMAT 7 OR 9 FOR FULL TEXT
)
Networking Vendors Pushing 802.11n Transition.
PC Magazine Online, NA
April 28, 2008
ISSN: 1078-8085   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 660   LINE COUNT: 00055

        Aruba Networks, for example, is delivering both new hardware and
software with this goal in mind...

...new innovative features: first, they're upgradeable to 802.11n via a
software upgrade. Second, Aruba 's management technology enables
administrators to configure the APs to act not just as access gateways
for wireless clients, but intrusion detection devices or as nodes in a
secure wireless mesh network.
        The APs new software allows them to be turned into what Aruba
calls mobile remote access points, meaning they're able to ...looking to
deploy 802.11n over time," said Michael Tennefoss, head of strategic
marketing at Aruba .
        Aruba has done hard work in pricing these devices, he claims, such
that even with a...

...they'll be charged an additional fee, the amount of which is
volume-based.
        Additionally, Aruba has ...LAN management abilities, not the least
of which was the purchase of AirWave Wireless. Until Aruba 's purchase,
AirWave was distinguished one of the leading third-party wireless network
management software...

...even integrates into larger wired LAN management platforms, including
Microsoft's MMC. Purchasing AirWave gives Aruba a definite leg up with
regards to attracting customers with larger wireless LAN management duties
...re staying in their own offices, and simply taking over the lead with
regards to Aruba 's management initiatives, but they'll continue
supporting third-party hardware, too."
        If those claims bear out over time, Aruba will be in an enviable
position on two fronts of the wireless LAN spectrum hardware and software
management.
        But Aruba isn't alone in showing off new Wi-Fi products at Interop.
Ruckus Wireless is...only $700 -- a definite draw for SMBs, especially in
conjunction with Ruckus' low-cost secure wireless   switches and
ZoneDirector management software.
        Other vendors showing new 802.11n wireless   hardware include
Aerohive Networks and Trapeze Networks, with the latter demoing a new
hardware capability...

DIALOG(R)File 275:Gale Group Computer DB(TM)

03398226   SUPPLIER NUMBER: 178367657   (USE FORMAT 7 OR 9 FOR FULL TEXT
)
TechWeb's Interop Las Vegas and Software Recaps Exhibition Announcements.
Wireless News, NA
April 27, 2008
LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 2722   LINE COUNT: 00243

...   of aggregate bandwidth, the Arastra 7148S complements the
previously announced Arastra 7124S and Arastra 7148SX.
        Aruba will prominently feature 802.11n at their booth, and the
company will be announcing new 802.11n product extensions. Aruba will
introduce enhancements to its green teleworker remote access and
VPN-replacement product family, new wireless intrusion prevention and

classification technology, and the new multi-vendor AirWave **Wireless** Management Suite 6.
    Astaro is launching the Astaro Web **Gateway**, an all-in-one product to secure and control web access. This solution includes URL...

17/3, K/3   (Item 3 from file: 275)

03379592   SUPPLIER NUMBER: 176806032   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Motorola Aims For All-Wireless Enterprise; With new products and initiatives, executive Sujal Hajela predicts that his division will impress the enterprise in the transition to faster 802.11n networks.
InformationWeek, NA
March 17, 2008
ISSN: 8750-6874   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 561   LINE COUNT: 00049

TEXT:
    ...supremacy in the wireless enterprise networking market, Motorola last week released two new products -- a **wireless LAN switch** and an adaptive access point with three radios -- while trumpeting the arrival, at last, of...
...   has seen its market share slip slightly over the last year, according to Gartner, with **Aruba** Networks and Motorola/Symbol adding customers.
    Motorola's new product line includes what it calls...

...11n access point," the AP-7131, as well as the RFS6000, a multicore processor-based **wireless LAN switch** aimed specifically at medium-sized businesses.
    The arrival of the 802.11n standard, which is...

17/3, K/4   (Item 1 from file: 621)

05373052   Supplier Number: 178090369 (USE FORMAT 007 FOR FULLTEXT)
Over 50 Exhibitors Announce Latest Products and News at TechWeb's Interop Las Vegas and Software 2008.
PR Newswire, pNA
April 21, 2008
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 3083

...   of aggregate bandwidth, the Arastra 7148S complements the previously announced Arastra 7124S and Arastra 7148SX.
    Aruba will prominently feature 802.11n at their booth, and the company will be announcing new 802.11n product extensions. **Aruba** will introduce enhancements to its green teleworker remote access and VPN-replacement product family, innovative new wireless intrusion prevention and classification technology, and the new multi-vendor AirWave **Wireless** Management Suite 6.
    Astaro is launching the Astaro Web **Gateway**, an all-in-one product to secure and control web access. This solution includes URL...

17/3, K/5   (Item 1 from file: 16)

14631557   Supplier Number: 173427396 (USE FORMAT 7 FOR FULLTEXT)
Aruba **acquires WLAN management vendor AirWave; Acquisition gives** Aruba **a foot in the door of Cisco and Motorola customers.** (Aruba **Wireless** Networks)(AirWave Wireless Inc.)
Cox, John
Network World, pNA
Jan 9, 2008

Aruba acquires WLAN management vendor AirWave; Acquisition gives Aruba a foot in the door of Cisco and Motorola customers.(Aruba Wireless Networks)(AirWave Wireless Inc.)

Aruba Networks announced today it has acquired a leading wireless LAN management vendor, AirWave Wireless, for $37 million.

The purchase gives Aruba a well-regarded WLAN management application, one of the few that can manage different brands...

...it

administers a common set of features across a multivendor network.

Today, AirWave supports Cisco, Aruba, HP ProCurve, Motorola/Symbol, Avaya, Foundry, Proxim, 3Com, Trapeze, Tropos and many other vendors.

Enterprise WLANs are less uniform than they may at first seem A company might deploy WLAN switches and thin access points in a headquarters, but chose intelligent access points for retail outlets...

...disruptive technologies" like 802.11n and WiMAX, says Michael Tennefos, head of strategic marketing for

Aruba

"These technologies mean potentially costly large-scale upgrades to the edges and core of the...

...doing." That means continuing to develop its platform as a vendor-neutral wireless management

framework. Aruba will continue to sell its existing WLAN management application for Aruba -only deployments.

Tennefos says the acquisition gives Aruba the tools to apply its "unified network" concept across the various wireless topologies and technologies that enterprises are adopting, and blend these more seamlessly with the existing wireline infrastructure.

And Aruba now has a foot in the door of Cisco and Motorola customers, where AirWave has...

...COMPANY NAMES: Contracts; Aruba Wireless Networks...

17/3,K/6   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 The Gale Group. All rts. reserv.

14631516   Supplier Number: 173427342 (USE FORMAT 7 FOR FULLTEXT)
Aruba -Airwave: A subtle harbinger of change? * How wireless might affect sourcing strategies.(Aruba Wireless Networks)(AirWave Wireless Inc.)
Wexler, Joanie
Network World, pNA
Jan 14, 2008

Aruba -Airwave: A subtle harbinger of change? * How wireless might affect sourcing strategies.(Aruba Wireless Networks)(AirWave Wireless Inc.)

Last week's announcement that wireless LAN system maker Aruba intends to snap up WLAN management company Airwave Wireless for $37 million left me pondering...

...a par status with wired

LANs, will the primary enterprise suppliers remain the traditional router/ switch companies? Or will they shift to wireless -centric companies?

Conversely, will independent WLAN makers without wired network gear, telephony equipment and unified...

...network demarcation lines and requires unprecedented levels of interoperability?

There's a reason that the Aruba -Airwave deal put me on this train

of thought. Clearly, **Aruba** - the No. 3 enterprise market-share
leader behind Cisco, according to Synergy Research Group - feels...

...wanted a total replacement for existing
WLANs," acknowledged Michael Tennefoss, head of strategic marketing
at **Aruba**. "Now, we have an entree to make a presentation
(into those shops.)"
Airwave makes a...

...period during which new
and legacy equipment will co-exist and require such unified
management. **Aruba** has long danced around the wired side of the
network, too, with firewalls that work...

...vendors can remain independent entities going forward. Long term
any of these independent companies, including **Aruba**, are subject
to getting acquired."
Not surprisingly, independent WLAN maker Meru Networks has a
different...
...COMPANY NAMES: Mergers, acquisitions and divestments; **Aruba** **Wireless**
Networks...

 17/3,K/7   (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2008 McGraw-Hill Co. Inc. All rts. reserv.

TEXT:

... it. You can do it in 10 minutes,'' says Pankaj Manglik, a founder of
startup **Aruba** **Wireless** Networks.

   Manglik and co-founder Keerti Melkote have designed tools to let the
corporate IT guys lock down the airwaves. The main component is a secure
 wireless network **switch** that sits in the wiring closet next to the
other critical network devices. That switch...

... air, allowing legitimate users onto the network, blocking others, and
keeping the systems people briefed. **Aruba** has filed for patents and begun
talking with potential customers in financial services and other...

TABLE:

COMPANY NAMES: **Aruba** **Wireless** Networks ; Starbucks

 17/3,K/8   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rts. reserv.

...TEXT: points from Meru Networks. Wireless pioneer Carnegie Mellon
University in December selected two WLAN vendors, **Aruba** and Xirrus, as
its 802.11n suppliers for a phased WLAN upgrade that may in...

...points when completed: 2,500+ Cisco Aironet 1250s

Number of Cisco 3750-E enhanced PoE **switches** : 110 (estimated)

Number of Cisco Catalyst 6500 **switches** : Three, with **Wireless** Service
Module (WiSM)

Throughput planned: Targets range from roughly 25Mbps each for five to six
...

02496589 253093501
MAKING COMPANY AIRWAVES SAFE FOR WIFI
Arnst, Catherine; Gross, Neil
Business Week n3811 PP: 84 Dec 9, 2002
ISSN: 0739-8395 JRNL CODE: BWE

...ABSTRACT: WiFi) networks often wish they could roam untethered with the
same laptop at work. Startup **Aruba** **Wireless** Networks has designed tools
to let the corporate IT guys lock down the airwaves. The main component is
a secure **wireless** **network** **switch** .

00575475 91-49824
North America's Communication Industry   Global   Strategies for Three
Northern American Companies
Budwey, James N.
Telecommunications (International Edition) v25n10 PP: 224-236 Oct 1991
JRNL CODE: TIE
WORD COUNT: 6108

...TEXT: response, intelligent networks, upgrading and digitizing the
network infrastructure, video teleconferencing, cellular/mobile radio, the
wireless communication systems, routers, **bridges** , **gateways** , frame
relay, PBX, key systems, adjunct processors, facsimile, and many others,
all represent robust and...transmission equipment, to countries such as
Spain, the Netherlands, Indonesia, Taiwan, Singapore, Egypt, Poland,
Armenia, **Aruba** , Korea, Mexico, and others.

A second element to the corporate strategy is "to establish world...

01306550   CMP ACCESSION NUMBER: CRN20080324S0012
The N Crowd - New wireless gear offers better performance, but doesn't yet
    reach promised heights (Cover Story)
Mario Morejon & Samara Lynn
CRN, 2008, n 015, PG20
PUBLICATION DATE: 080324
JOURNAL CODE: CRN   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: CRN:ech
WORD COUNT: 3902

...   to take a look at some of these higher-end offerings.

  Reviewers extended invitations to **Aruba** Networks Inc., Bluesocket
Inc., Cisco Systems Inc., Meru Networks, Ruckus **Wireless** Inc. and Trapeze
Networks...

...of use and price/performance.

Ruckus offers a Web-based management interface to its ZoneDirector **WLAN switch**, which was used effortlessly to set up the test **wireless** environment. From there, IP addressing, SSID and security methods are configured. Ruckus' system supports up...

COMPANY NAMES (DIALOG GENERATED): Acer ; All VAR ; **Aruba** Networks Inc ; Big Dog Partner Program ; Bluesocket Inc ; Bottom Line ; Calence LLC ; Cisco Systems Inc...

119572
3Com introduces branch office wireless
Byline: John Cox
Journal: Network World
Publication Date: September 27, 05
Word Count: 212   Line Count: 21

Text:
3Com has introduced a **wireless** LAN **switch** targeted at branch and remote offices. Shipping this week, the 2-port WXR100 also includes updated ...

...configure, and run, by connecting over a WAN link to one of 3Com's higher end **WLAN switches** at a regional or headquarters site. The parent **switch** downloads configuration data. Locally, the **wireless** access points in the branch automatically link up with the WXR100 to create the WLAN...

... 2, which packages such features as AdvancedEncryption System (AES) and 802.11i authentication mechanisms. Rival **WLAN switches** for these kinds of sites are available also from Cisco, **Aruba** and Symbol. 3Com is competing on price, and by including features such as detection and...

117487
Balancing W-Fi access and security
 * Aruba **protects against foreign client infections**
Byline: Joanie Wexler
Journal: Network World
Publication Date: June 22, 05
Word Count: 502   Line Count: 50

 * Aruba **protects against foreign client infections**
Text:
... to a contractor, consultant or supplier, and are not provisioned and managed by your ITorganization. **Aruba** Wireless Networks recently announced its approach to balancing the security and access issues surrounding foreign...

... W-Fi systems vendors, too, are at least thinking about endpoint security. After all, a **wireless** access point or wirelessLAN **switch** might be the very first point of corporate network contact for a mobile device that has been exposed to Internet infections before attempting to reconnect. In November 2004, **Aruba** said it was teaming with security companies Sygate and Fortinet to integrate the stateful firewall in **Aruba**'s **WLAN switch**/controller with the other companies' client software and firewall technologies, respectively. Earlier this month, the fruit of the Sygate partnership emerged in the form of Client Integrity Module software for **Aruba** appliances. With it, **Aruba** appliances can determine if the client attempting to connect is an unmanaged device. If it...

... blocked from communicating with other W-Fi clients in peer-to-peer fashion, notes Jon Green, **Aruba** product manager. Perhaps most interesting is the virtual desktop feature. Since most people don't...

... controllers,but we haven't heard any further developments on that

relationship (or on the Aruba-Fortinet relationship, for that matter).

117457
Extreme updates its wireless LAN menu
New access points and WLAN switches support VoW-Fi, easier management and security.
Byline: Phil Hochmuth
Journal: Network World   Page Number: 10
Publication Date: June 27, 05
Word Count: 644   Line Count: 63

New access points and WLAN switches support VoW-Fi, easier management and security.
Text:
... line, introducing appliances and access points that support faster client roaming, QoS and improved management of WLAN security and infrastructure. Extreme says its Summit WM **WLAN** **switches** and Altitude 350-2 access points could help organizations better support deployments of voice over wireless...

... with InStat/MDR. "This equipment is designed to run in heterogeneous networks," whereas Extreme's past **wireless**-LAN architecture relied on software added to its LAN **switches** for managing and securing access points. The Summit WM is a wireless-LAN control appliance...

... VoW-Fi gateways to support the SVP protocol.) In addition to airwave QoS, the Summit WM **switches** support Layer 3 fast roaming, which lets a **WLAN** client roam across access points connected to different subnets. To support this, the Summit WM makes...

... the first major upgrades to Extreme's WLAN portfolio since it introduced its Altitude 300 and **WLAN**-enabled Summit and Alpine Layer 2/3 Ethernet **switches** in 2003. Extreme says the new Altitude access points will not work with the older **WLAN**-enabled **switches**, but users with older Altitude 300 access points can use the devices on newer Summit WM...

... features such as QoS and roaming support. The Summit WM based architecture is similar to **WLAN** overlay technology offered by **WLAN** **switch** vendors such as **Aruba** Wireless Networks and Trapeze Networks, and Cisco's Airespace-based WLAN technology, as well as VoW...

00587008
Regulatory & Government Affairs
Telecommunications Reports
January 26, 1998   VOL: 64 ISSUE: 4 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: BRP PUBLICATIONS
LANGUAGE: ENGLISH   WORD COUNT: 1470   RECORD TYPE: FULLTEXT

TEXT:
...digital cable system The Pan American cable system would link the U.S. Virgin Islands, **Aruba**, Venezuela, Colombia, Panama, Ecuador, Peru, and Chile. The companies involved are Americatel Corp., AT&T...

...COMPANY NAME(S): Exchange Carrier Association ; Network Services ; New York Public Service Commission ; North American Numbering Council ; Oceanic **Wireless** Network Inc ; Oklahoma Corporation ; Pacific **Gateway** Exchange ; Philippines Eastern Telecommunications Philippines Inc ; Public Utility Control ; San Juan Telephone Co Inc ; Southern...

DIALOG(R)File 610:Business Wire
(c) 2008 Business Wire. All rts. reserv.

0001825071 I962654E0CEB111DCB7788FF32EF576B7 (USE FORMAT 7 FOR FULLTEXT)
Net Logic Microsystems Announces Record Fourth Quarter and Fiscal Year 2007
Financial Results
Business Wire
Tuesday, January 29, 2008 T21:30:00Z
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 5,716

...and markets high performance knowledge-based processors for a variety of
advanced wireline and mobile **wireless** networking systems, such as
routers, **switches**, **wireless** infrastructure equipment, network security
appliances, network access equipment and networked storage devices.
NetLogic Microsystems' knowledge...

...COMPANY NAMES: DELOITTE AND TOUCHE (**ARUBA**)

DIALOG(R)File 613:PR Newswire
(c) 2008 PR Newswire Association Inc. All rts. reserv.

0002891015 I73AEAF500FB811DDB9A2EB2F43472C90 (USE FORMAT 7 FOR FULLTEXT)
Over 50 Exhibitors Announce Latest Products and News at TechWeb's Interop
Las Vegas and Software 2008 North America's Largest Business Technology
Event Provides Platform for Business IT Leaders' Significant Announcements
PR Newswire
Monday, April 21, 2008 T15:30:00Z
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 2,880

...of aggregate bandwidth, the Arastra 7148S complements the previously
announced Arastra 7124S and Arastra 7148SX.

 Aruba will prominently feature 802.11n at their booth, and the company
will be announcing new 802.11n product extensions. **Aruba** will introduce
enhancements to its green teleworker remote access and VPN-replacement
product family, innovative new wireless intrusion prevention and
classification technology, and the new multi-vendor AirWave **Wireless**
Management Suite 6.

Astaro is launching the Astaro Web **Gateway**, an all-in-one product to
secure and control web access. This solution includes URL...

DIALOG(R)File 613:PR Newswire
(c) 2008 PR Newswire Association Inc. All rts. reserv.

0002814015 I29B83DE0DA8811DC9C02FB6F43ABA2CB (USE FORMAT 7 FOR FULLTEXT)
PR Newswire Summary of Technology Copy, Feb. 13, 2008
PR Newswire
Wednesday, February 13, 2008 T21:25:00Z
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 4,435

...P 500 Companies'

   NYW031 02/13/2008 08:00 r f Viconics-ASHRAEAwards
   (MONTREAL) Viconics **Wireless** **Gateway** Receives Honourable Mention
   for ASHRAE Product Innovation Awards

   NYW050 02/13/2008 08:00 r...

22/3,K/1   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

TEXT:
    ...complexity, and IT managers wrestle with the twin burdens of staff
time and security when **configuring** and maintaining wireless APs (
access   points) across their enterprises, a previously unnecessary
category of network management solution has started to proliferate...
...   Cisco, and from newcomers such as Sputnik, central controllers work
with the vendor's proprietary **APs** to aggregate the **configuration** ,
updating, and monitoring of entire WLANs. Providing configuration templates
and a Web-based interface for **managing** groups of **APs** , these controllers
can apply common **configurations** to hundreds of **APs** at a time, and they
can reduce the time to install new APs by using...

...result, implementing a central controller can be quite cost- effective.
A single controller can typically **manage** as many as several hundred
access   points at a fixed cost that can drop below $10 per access point
for large deployments...

...turning them into dumb radios connected to a central switch.
    The closest similar devices from **Vernier** , Bluesocket, and Reefedge
control aspects of network-edge issues for WLANs, but Symbol's approach...

...of the network entirely into the server closet by eliminating any
network function from the **access   points** .
    The Mobius Axon switch **manages** its "access ports," as Symbol terms
them as a cloud of radio coverage. The first...

...year.
    Updating configurations centrally, especially MAC (media access
control) lists and other authentication that network **administrators**
choose to enable in each **AP** , can represent a huge time savings. But
despite these benefits, the current controllers have two...

...exchange authenticated, encrypted messages that allow the controller to
sense the presence of newly installed **access   points** , pass them
configuration info, and detect problems on the WLAN. Proxim and Cisco are
also looking at including...one another in a peer-to- peer network. No
centralized controller handles each device's **configuration** ; instead,
access   points sit in a mesh, updating themselves as information passes
from one to the next.
    Bill...

...let them avoid building head count while rolling out WLAN service. The
current generation of **management** controllers, although wedded to
proprietary **access   points** , can turn large-scale WLAN deployment from
impossible to easily manageable. The next generation will thoroughly
integrate the control of WLAN **access   points** into an **administrative**
workflow, further reducing management costs.
    Related Articles:Special Report: Wireless network management
    THE BOTTOM LINE...
...vendors such as Proxim and Cisco can radically reduce wireless operating
costs by automating some **configuration** and **management** of WLAN **access
points** . However, these tools require the use of access points from a
single vendor and proprietary...

...controller and access points.
    Test Center Perspective: The use of XML-based protocols to transmit
configuration and other information using commodity **access   points** ,

peer-to-peer access points, or even dumb radios across large networks might obviate the...

TRADE NAMES: Symbol Technologies Mobius Axon **Wireless Switch** (**Wireless** LAN/WAN system...

22/3, K/2   (Item 2 from file: 275)
DIALOG(R) File 275: Gale Group Computer DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

02648865   SUPPLIER NUMBER: 92232809   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wireless LANs at the office - IT becomes an air traffic controller when managing WLANs and their users.
Schwartz, Ephraim
InfoWorld, 24, 39, 34
Sept 30, 2002
ISSN: 0199-6649   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 1644   LINE COUNT: 00131

...   decides to rethink its original decision and open up the wireless network? Now the network **administrator** has to upgrade the **APs** , which were artfully and painstakingly placed above the ceiling tiles.
      Unless the software purchased with...

...keeps the user connected, Sturniolo adds.
      After security, the single biggest reason customers come to **Vernier** is because it has a roaming solution across subnets that allows users to move seamlessly...

...to another without breaking the connection, says Julian Richards, senior director of product marketing at **Vernier** Networks in Mountain View, Calif. If roaming is not addressed, "(and) you move to another...that each AP be changed individually.
      To address the need for better central WLAN control, **Vernier** offers a two-tier solution that includes boxes at the edge that the APs plug...

...this month its solution for central control of WLANs as well. Using a so- called **wireless switch** -- not actually **wireless** but cabled to the **wireless** APs -- Symbol's Mobius uses dumbed-down access ports rather than access points and puts all of the intelligence into the **switch** that connects to the network. With **WLAN** management centralized on a **switch** , network managers will have a systemwide view of the network on their console and a...

...see "At the wireless edge"). To sidestep this potential problem companies such as Symbol and **Vernier** plan to build redundancy into the next version of their systems, according to sources.
      The...

22/3, K/3   (Item 3 from file: 275)
DIALOG(R) File 275: Gale Group Computer DB(TM)
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02640499   SUPPLIER NUMBER: 91008484   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Symbol dumbs down access points, upends WLAN model.
Mannion, Patrick
Electronic Engineering Times, 12
Sept 2, 2002
ISSN: 0192-1541   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 464   LINE COUNT: 00041

      Manhasset, N.Y. - Using dumb, low-cost access points (APs) tethered to a centralized multiservice **switch** , Symbol Technologies has rearchitected the enterprise **wireless** -LAN deployment model. Its switched wireless architecture looks to increase network manageability and to offset ...

...frustrating customers because these can cost up to $600 or more (for an enterprise-class **access point**). The management problems only increase as nodes are added."

While companies such as Reef Edge and **Vernier** do add security,
mobility and other management functions in a relatively low-cost, highly
scalable...
...All the Access Ports run back to an intelligent Layer 2, 3 and 4
multiservice **switch** that contains the security features, **wireless**
services, application programming interfaces and content management
software. The Linux-based IP switch comes in...

...367.
     The architecture has similarities to Proxim's Harmony AP Controller
and BlueSocket Inc.'s **Wireless Gateway** . But those "require the network
to be redesigned and rearchitected whenever APs are added," said...

...   the extensible authentication protocol (EAP).
     Vendor-agnostic WLAN security appliances are available from
Bluesocket, Reef Edge, **Vernier** Networks and Ecutel. Sitting between the
APs and the wired LANs, the products provide centralized...

...that connects up to eight Ethernet devices to an AP, and a
building-to-building **bridge** . All Aironet products support 802.1x and
128-bit WEP.
     " **Wireless** was the first Cisco specialization program we introduced,
in February 2001," says Surinder Brar, senior...

...3Com's Workgroup Bridge supports up to four devices via a hub. A
separate client **bridge** supports a single Ethernet-ready device.
     "Our **wireless** certification program really got started (in
January)," says Dave Smith, vice president of sales for ...needed to add
802.1x, per-session dynamic keys, VPN tunneling, RADIUS support and
centralized **management** of up to 30 **APs** . Harmony and Skyline also come
in 802.11b versions.
     VAR support: The direction of Proxim..

...242-9700
     www.reefedge.com
     3Com
     Santa Clara, Calif.
     (408) 326-5000
     www.3com.com
      Vernier Networks
     Mountain View, Calif.
     (650) 237-2200
     www.verniernetworks.com
     http://www.varbusiness.com
     Copyright...

...   network. Our invitee list included Bluesocket, Columbitech, Ecutel,
Fortress Technologies, NetMotion Wireless, Netseal, ReefEdge and Vernier
Networks. Netseal didn't respond to our inquiries, and Fortress declined
our invite. Vernier initially agreed to participate but subsequently
withdrew, citing a lack of resources. Then, at the 11th hour, SMC Networks
enthusiastically offered us its OEM version of Vernier 's product.
        The solutions impressed us with management capabilities that
significantly enhanced the security and...

...management.
        A Tale of Two Architectures
        Three of the products we tested-Bluesocket WG-1000 Wireless
Gateway , ReefEdge Connect System and SMC EliteConnect-are hardware-based
systems; the rest run as services...CHOICE
        B-
        SMC Networks
        EliteConnect WLAN Security system
        SMC EliteConnect is an OEM version of Vernier 's two-tiered
6000-series system The Secure Server authenticates users, maintains a
consistent configuration...product never dropped a packet while roaming.
Although EliteConnect's throughput could use some improvement, Vernier
and SMC have gotten everything else right.
        SMC EliteConnect WLAN Security System SMC EliteConnect WLAN...starts
at $7,500. ReefEdge, (201) 548-2600. www.reefedge.com
        C+
        Bluesocket
        WG-1000 Wireless Gateway 1.0
        Bluesocket's WG-1000 Wireless Gateway can deliver maximum control
over your WLAN . This product is loaded with features; it offers far more
control of WLAN clients than...

...complicates management in large environments where multiple systems are
deployed. You can set up two wireless gateways in a master-slave
configuration to provide failover support for added redundancy, but if you
want to support a new wireless subnet, you have to configure a new
gateway from scratch. Version 2.0 still lacks central management.
Bluesocket says it wants to avoid...version, the WG-1000 would appear to
work best in an organization with a flat wireless network requiring only
one gateway or in environments where management of subnets and network
security may be decentralized (many university...

...limitations, Bluesocket's WG-1000 is an appealing and cost-effective
solution.
        Bluesocket WG-1000 Wireless Gateway 1.0, $5,995. Bluesocket,
(781) 328-0888, (866) 633-3358. www.bluesocket.com
        C...to test each product without interference from any other.
        For the software-based products, we configured access points
behind each router with slightly overlapping cells. When a wireless device
moved from the coverage...

...operate when we roamed between access points. To evaluate roaming speed,
we set up a switch that was connected behind both wireless subnets and
made VLANs on the switch to support each wireless subnet. Then we wired
a PC into the same switch . With the help of the switch's command line, we
switched the PC between subnets...

22/3, K/6   (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

02605695   SUPPLIER NUMBER: 86425715   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Campus WLAN Design -- Tasked with implementing a wireless LAN? It's not as
    difficult as you might think once you know the basics of radio
    design.(Tutorial)
Molta, Dave
Network Computing, 123
May 13, 2002
DOCUMENT TYPE: Tutorial   ISSN: 1046-4468   LANGUAGE: English

RECORD TYPE: Fulltext
WORD COUNT: 3204 LINE COUNT: 00257

... in virtually any location, even if an AC outlet is not nearby.
Note that some **APs** and NICs can be **configured** to reduce the
output power of the radio, effectively shrinking the RF cell radius and...

...ceiling. In designing a campus WLAN, be aware it may not be legal to
purchase **APs** from one company and **configure** them with third-party
antennas. This is because when vendors submit their products for FCC...

...can consider third-party management and security products Bluesocket,
Columbitech, Ecutel, Funk, NetMotion, NetSeal, ReefEdge, **Vernier** and
others. Finally, many organizations use standards-based VPN gateways and
VPN clients on all...existing Ethernet equipment. For example, if you have
lots of bandwidth and fairly advanced Ethernet **switches** , you might
establish **wireless** VLANs-maybe even a single **wireless** VLAN-to more
easily manage addresses and to enforce security policies. The wireless VLAN
can...

...invest in some additional hardware and software.
First, think about how you're going to **manage** hundreds of **access
points** . **Configuration** of **APs** in an enterprise environment needs to be
automated. Some AP vendors, including Proxim, design their...

 22/3,K/7 **(Item 7 from file: 275)**
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2008 The Gale Group. All rts. reserv.

02576484 SUPPLIER NUMBER: 82521130 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**WLAN SECURITY On The Rise -- There are no easy answers yet for ensuring
authentication, privacy and authorization on wireless LANs, but the
future looks a bit less scary.**
Molta, Dave
Network Computing, 86
Feb 4, 2002
ISSN: 1046-4468 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3128 LINE COUNT: 00260

... access points and often present the available systems to you in a
pick list. Some **access points** can be **configured** to suppress broadcast
of SSIs. On systems configured in this manner, only clients that know...
model, it is inarguably elegant.
Hardware-based security solutions include offerings from Bluesocket,
ReefEdge and **Vernier** Networks. These start-up vendors sell products that
involve the interconnection of your access points...

...or more essential security features. For example, NASA's Advanced
Supercomputing Division has developed WFG (**Wireless Firewall Gateway**),
built on OpenBSD and providing DHCP services, SSL-based Web authentication
and customizable per-user...

...restricting access to the WLAN based on a table of MAC addresses stored
on the **access point** . Some vendors provide **management** utilities that
let these MAC ACLs be distributed to multiple access points within an
organization...

 22/3,K/8 **(Item 1 from file: 16)**
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 The Gale Group. All rts. reserv.

09844611 Supplier Number: 85899927 (USE FORMAT 7 FOR FULLTEXT)
Wireless security top priority at N+I.(Buyers Guide)
Frontline Solutions, v3, n4, p47
April, 2002
Language: English Record Type: Fulltext
Article Type: Buyers Guide
Document Type: Magazine/Journal; Professional
Word Count: 422

...   technologies, such as 802.11b, 802.11a and Bluetooth, and supports
multiple mobile devices.
       The **Vernier** Networks CS 5000 Control Server centrally manages
authentication for all wireless users, coordinates all Layer 3 roaming, and
enforces policies and user privileges. The Access Manager connects to
multiple **access   points** or edge switches, enforcing pre- **configured**
user rights for authenticated users, enables roaming, and functions as a
PPTP, IPsec and L2TP...

...to 54Mbps in standard mode and 72Mbps in Atheros Turbo Mode.
     Bluesocket's WG-1000 **Wireless   Gateway** provides access, security,
management and mobility solutions for 802.11 and Bluetooth devices.
       Taiwan-based Edimax Technology offers 802...

...Technology / 1259   www.milan.com
    Motient / 459   www.motient.com
    Reef Edge / 453   www.reefedge.com
    Vernier Networks / 7988   www.verniernetworks.com

22/3, K/9   (Item 1 from file: 148)
DIALOG(R) File 148: Gale Group Trade & Industry DB
(c) 2008 The Gale Group. All rts. reserv.

15018773   SUPPLIER NUMBER: 91916295   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Understanding wireless LAN vulnerabilities. (Network Security).
Phifer, Lisa
Business Communications Review, 32, 9, 26(7)
Sept, 2002
ISSN: 0162-3885   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 4351   LINE COUNT: 00376

... of treating WLANs just like Ethernet LANs, deploying APs inside the
company firewall. Teleworkers using **wireless   gateways** to reach DSL or
cable connections at home often make a similar mistake.
     Without adequate access control on the WLAN, **wireless   gateways**
and APs should always be placed in untrusted territory. Failure to do so
leaves the...administration. The same methods used to harden WAN access
routers should be applied to wireless **Aps** --disable unused services,
configure strong passwords and ...WLANs--can benefit from enabling this
basic measure.
     * MAC Access Control Lists: Most enterprise-grade **APs** can be
configured with MAC address lists that prevent associations with unknown
wireless stations. Since you will need...L2TP-over-IPSec VPNs encrypt data
all the way from remote access clients to security **gateways** at the
private network edge. **Wireless** laptops and teleworker desktops already
equipped ...the VPN tunnel:
     * Tunnel to the AP: A few access points can operate as VPN **gateways**
, terminating PPTP or IPSec tunnels at the edge of the **WLAN** --for example,
the Colubris CN 05Q.
     * Tunnel to a VPN/Firewall: Depending upon network size, traffic...
are required, consider tunneling to a special-purpose wireless access
appliance from Bluesocket, Reef Edge or **Vernier** Networks.
     * Upper-Layer Encryption: Methods commonly used to encrypt Internet
applications can be used to...reefedge.com)
       SecurityFocus (www.securityfocus.com)
       Time Warner (www.aoltimewarner.com)
       UPS (www.ups.com)
       Vernier Networks (www.verniernetworks.com)
    FIGURE 1

    Users Reporting WLAN Security Incidents Or Attacks

    Unauthorized rogue...

22/3, K/10   (Item 1 from file: 15)
DIALOG(R) File 15: ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rts. reserv.

02428810 203588851

WLAN on campus
Schwartz, Ephraim
InfoWorld v24n39 PP: 1, 34 Sep 30, 2002
ISSN: 0199-6649 JRNL CODE: IFW
WORD COUNT: 1583

...TEXT: decides to rethink its original decision and open up the wireless
network? Now the network **administrator** has to upgrade the **APs** , which
were artfully and painstakingly placed above the ceiling tiles.

Unless the software purchased with...

...keeps the user connected, Sturniolo adds.

After security, the single biggest reason customers come to **Vernier** is
because it has a roaming solution across subnets that allows users to move
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To address the need for better central WLAN control, **Vernier** offers a
two-tier solution that includes boxes at the edge that the APs plug...

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so-called **wireless** **switch** - not actually **wireless** but cabled to the
wireless APs - Symbol's Mobius uses dumbed-down access ports rather than
access points and puts all of the intelligence into the **switch** that
connects to the network. With **WLAN** management centralized on a **switch** ,
network managers will have a systemwide view of the network on their
console and a...

...At the wireless edge," below). To sidestep this potential problem,
companies such as Symbol and **Vernier** plan to build redundancy into the
next version of their systems, according to sources.

The...

02345209 114319428
Wireless security top priority at N+I
Anonymous
Frontline Solutions v3n4 PP: 47 Apr 2002
ISSN: 1528-6363 JRNL CODE: FRSE
WORD COUNT: 383

...TEXT: technologies, such as 802.11b, 802.11a and Bluetooth, and supports
multiple mobile devices.

The **Vernier** Networks CS 5000 Control Server centrally manages
authentication for all wireless users, coordinates all Layer 3 roaming, and
enforces policies and user privileges. The Access Manager connects to
multiple **access** **points** or edge switches, enforcing pre- **configured**
user rights for authenticated users, enables roaming, and functions as a
PPTP, IPsec and L2TP...

...to 54Mbps in standard mode and 72Mbps in Atheros Turbo Mode.

Bluesocket's WG-1000 **Wireless** **Gateway** provides access, security,
management and mobility solutions for 802.11 and Bluetooth devices.
Taiwan-based Edimax Technology offers 802...

01269461   CMP ACCESSION NUMBER: EET20020902S0015
Symbol dumbs down access points, upends WLAN model
Patrick Mannion
ELECTRONIC ENGINEERING TIMES, 2002, n 1234, PG12
PUBLICATION DATE: 020902
JOURNAL CODE: EET   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: NEWS
WORD COUNT: 422

TEXT:

  Manhasset, N.Y. - Using dumb, low-cost access points (APs) tethered
to a centralized multiservice **switch**, Symbol Technologies has
rearchitected the enterprise **wireless**-LAN deployment model. Its switched
wireless architecture looks to increase network manageability and to
offset...
...   frustrating customers because these can cost up to $600 or more
(for an enterprise-class **access   point**). The management problems only
increase as nodes are added."

  While companies such as ReefEdge and **Vernier** do add security,
mobility and other management functions in a relatively low-cost, highly
scalable...

...All the Access Ports run back to an intelligent Layer 2, 3 and 4
multiservice **switch** that contains the security features, **wireless**
services, application programming interfaces and content management
software. The Linux-based IP switch comes in...

...367.

  The architecture has similarities to Proxim's Harmony AP Controller
and BlueSocket Inc.'s **Wireless   Gateway**. But those "require the network
to be redesigned and rearchitected whenever APs are added," said...

 22/3,K/13   (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01252629   CMP ACCESSION NUMBER: NWC20020610S0019
**ELITE SOLUTION SECURES WLANS - SMC's well-rounded EliteConnect System came
    out on top in our tests. But its rivals can move quickly in a rapidly
    evolving wireless environment.**
Cornell W. Robinson III and Dave Molta
NETWORK COMPUTING, 2002, n 1312, PG48
PUBLICATION DATE: 020610
JOURNAL CODE: NWC   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: COVER STORY
WORD COUNT: 5766

...   network. Our invitee list included Bluesocket, Columbitech,
Ecutel, Fortress Technologies, NetMotion Wireless, Netseal, ReefEdge and
Vernier Networks. Netseal didn't respond to our inquiries, and Fortress
declined our invite. **Vernier** initially agreed to participate but
subsequently withdrew, citing a lack of resources. Then, at the 11th hour,
SMC Networks enthusiastically offered us its OEM version of **Vernier**'s
product.

  The solutions impressed us with management capabilities that
significantly enhanced the security and...
...management.

  A Tale of Two Architectures

  Three of the products we tested-Bluesocket WG-1000 **Wireless
Gateway**, ReefEdge Connect System and SMC EliteConnect-are hardware-based
systems; the rest run as services...CHOICE

B-

EliteConnect WLAN Security system

SMC EliteConnect is an OEM version of **Vernier**'s two-tiered 6000-series system The Secure Server authenticates users, maintains a consistent configuration...product never dropped a packet while roaming. Although EliteConnect's throughput could use some improvement, **Vernier** and SMC have gotten everything else right.

SMC EliteConnect WLAN Security System SMC EliteConnect WLAN... starts at $7,500. ReefEdge, (201) 548-2600. www.reefedge.com

C+

Bluesocket

WG-1000 **Wireless** **Gateway** 1.0

Bluesocket's WG-1000 **Wireless** **Gateway** can deliver maximum control over your **WLAN**. This product is loaded with features; it offers far more control of WLAN clients than...
...complicates management in large environments where multiple systems are deployed. You can set up two **wireless** **gateways** in a master-slave **configuration** to provide failover support for added redundancy, but if you want to support a new **wireless** subnet, you have to configure a new **gateway** from scratch. Version 2.0 still lacks central management.
Bluesocket says it wants to avoid...version, the WG-1000 would appear to work best in an organization with a flat **wireless** network requiring only one **gateway** or in environments where management of subnets and network security may be decentralized (many university...

...limitations, Bluesocket's WG-1000 is an appealing and cost-effective solution.

Bluesocket WG-1000 **Wireless** **Gateway** 1.0, $5,995. Bluesocket, (781) 328-0888, (866) 633-3358. www.bluesocket.com

C...to test each product without interference from any other.

For the software-based products, we **configured** **access** points behind each router with slightly overlapping cells. When a wireless device moved from the coverage...

...operate when we roamed between access points. To evaluate roaming speed, we set up a **switch** that was connected behind both **wireless** subnets and made VLANs on the **switch** to support each **wireless** subnet. Then we wired a PC into the same **switch**. With the help of the switch's command line, we switched the PC between subnets...
...COMPANY NAMES (DIALOG GENERATED): Studies ; Software Products ; Subnet Roaming Support ; Symbol Technologies ; Syracuse University Real World Labs ; SMC Networks ; **Vernier** Networks ; Wireless Transport Layer Security

...   in virtually any location, even if an AC outlet is not nearby.

 Note that some **APs** and NICs can be **configured** to reduce the
output power of the radio, effectively shrinking the RF cell radius and...

...ceiling. In designing a campus WLAN, be aware it may not be legal to
purchase **APs** from one company and **configure** them with third-party
antennas. This is because when vendors submit their products for FCC...

...can consider third-party management and security products Bluesocket,
Columbitech, Ecutel, Funk, NetMotion, NetSeal, ReefEdge, **Vernier** and
others. Finally, many organizations use standards-based VPN gateways and
VPN clients on all...existing Ethernet equipment. For example, if you have
lots of bandwidth and fairly advanced Ethernet **switches**, you might
establish **wireless** VLANs- maybe even a single **wireless** VLAN-to more
easily manage addresses and to enforce security policies. The wireless
VLAN can...

...invest in some additional hardware and software.

 First, think about how you're going to **manage** hundreds of **access
 points**. **Configuration** of **APs** in an enterprise environment needs to be
automated. Some AP vendors, including Proxim, design their...

22/3, K/15   (Item 4 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01248307   CMP ACCESSION NUMBER: NWC20020204S0025
**WLAN SECURITY On The Rise - There are no easy answers yet for ensuring
    authentication, privacy and authorization on wireless LANs, but the
    future looks a bit less scary.**
Dave Molta
NETWORK COMPUTING. 2002, n 1303, PG86
PUBLICATION DATE: 020204
JOURNAL CODE: NWC   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: WORKSHOP - SECURITY
WORD COUNT: 2920

...   access points and often present the available systems to you in a
pick list. Some **access   points** can be **configured** to suppress
broadcast of SSIs. On systems configured in this manner, only clients that
know...model, it is inarguably elegant.

 Hardware-based security solutions include offerings from Bluesocket
, ReefEdge and **Vernier** Networks. These start-up vendors sell products
that involve the interconnection of your access points...

...or more essential security features. For example, NASA's Advanced
Supercomputing Division has developed WFG (**Wireless** Firewall **Gateway**),
built on OpenBSD and providing DHCP services, SSL-based Web authentication
and customizable per-user...

...restricting access to the WLAN based on a table of MAC addresses stored
on the **access   point** . Some vendors provide **management** utilities that
let these MAC ACLs be distributed to multiple access points within an
organization.
...COMPANY NAMES (DIALOG GENERATED): NASA ; RADIUS ; School of Information
  Studies ; Symbol Technologies ; Syracuse University ; Task Group ;
  Transport Layer Security ; **Vernier** Networks ; Web ; Wireless Ethernet
  Compatibility Alliance ; Wireless Security ; WLAN ; X Mutual